

CLAIMS

1. A disposable diaper having a liquid-permeable topsheet, a liquid-impermeable backsheet and a liquid-retentive absorbent member interposed between these sheets, wherein a hot-melt adhesive having a melt viscosity of 10 to 1000 Pa·s at 140°C is used to join any two of members constituting the diaper.
2. The disposable diaper according to claim 1, wherein a side flap is provided on each side of a back portion of the diaper which is, while worn, positioned in the back of a wearer, a tape tab for fastening the diaper is provided on each side flap, said side flap is made of nonwoven fabric, and said tape tab is fixedly joined to said side flap with said hot-melt adhesive.
3. The method for manufacturing a disposable diaper according to claim 1, which comprises the steps of feeding said hot-melt adhesive contained in a tank of an applicator to an application head through a feed conduit, applying said hot-melt adhesive to a first member constituting the diaper, and then fixedly joining a second member constituting the diaper to said first member, wherein said hot-melt adhesive contained in said tank is melted by heating to a prescribed temperature, and the temperature of said hot-melt adhesive present in said application head is set lower than that of said hot-melt adhesive contained in said tank.
4. The method for manufacturing a disposable diaper according to claim 3, wherein the temperature of said hot-melt adhesive contained in said tank and present in said application head is from 150 to 200°C and from 120 to 150°C, respectively.
5. The method for manufacturing a disposable diaper according to claim 3, wherein the melt viscosity of said hot-melt adhesive contained in said tank and present in said application head is from 5 to 50 Pa·s and from 10 to 500 Pa·s, respectively.